Amendments to the Claims:

1. (currently amended) A ~~Disk~~ disk mill comprising: ~~with~~ two grinding disks ~~(2, 3) which are~~ each formed as a ring with a central hole ~~(4), are~~ with the disks being disposed so as to be essentially parallel to one another, and ~~rotate~~ rotatable with respect to one another about a common axis which extends through the central holes of the disks, and which comprise:

first working surfaces ~~(9, 10) which~~ in an inner area which are directed towards one another, are spaced apart from one another thereby forming a working space ~~(11)~~ in the area of the hole ~~(4)~~, run conically towards one another in the outwards direction, and narrow the working space ~~(11),~~; and

~~comprise~~ second working surfaces ~~(13, 14)~~ formed in an outer edge section ~~(12)~~ so as to be parallel to one another and with at least slight spacing from one another, ~~characterized by the fact that~~ wherein the first working surfaces ~~(9, 10) running conically towards one another~~ as well as the second working surfaces ~~(13, 14) running parallel to one another~~ are provided with straight cutting teeth ~~(15), that~~ wherein the cutting teeth ~~(15)~~ have an approximately saw-tooth cross section, ~~that~~ wherein the cutting teeth ~~(15)~~ of ~~both~~ the first and second working surfaces ~~(9, 13 or 10, 14)~~ of the same grinding disk ~~(2 or 3)~~ run in the same direction obliquely to the radial direction, and ~~that~~ wherein the cutting teeth ~~(15)~~ of ~~the~~ the second working surfaces ~~(13, 14) running parallel to one another~~ are inclined more sharply than the cutting teeth ~~(15)~~ of the first working surfaces ~~(9, 10) running conically towards one another~~.

Claims 2 – 13 (previously canceled)

Claims 14 – 23 (canceled)

24. (new) The disk mill according to Claim 1, wherein one of the two grinding disks is mounted in such a manner that it cannot rotate and the other grinding disk is mounted in such a manner that it can rotate.

25. (new) The disk mill according to Claim 1, wherein the two grinding disks are mounted in such a manner that they can rotate counter to one another.

26. (new) The disk mill according to Claim 1, wherein the grinding disks are disposed so as to be coaxial with each other.

27. (new) The disk mill according to Claim 1, wherein the grinding disks are disposed so as to be eccentric with respect to one another.

28. (new) The disk mill according to Claim 1, wherein the grinding disks are approximately of equal size.

29. (new) The disk mill according to Claim 28, wherein the grinding disks have approximately equal working surfaces.

30. (new) The disk mill according to Claim 1, wherein the outer edge section is formed as a ring.

31. (new) The disk mill according to Claim 1, wherein the outer edge section makes up approximately 30% to 70% of a radial extension of the grinding disks (2, 3).

32. (new) The disk mill according to Claim 1, wherein the cutting teeth are at an angle of approximately 2° to 40° relative to a radial direction.

33. (new) The disk mill according to Claim 1, wherein said disk mill is configured for grinding hard materials.

34. (new) The disk mill according to Claim 33, wherein said disk mill is configured for grinding at least one of minerals, ceramics, or hard metals.

35. (new) The disk mill according to Claim 1, wherein said disk mill is configured for grinding at least one of plastics or soft metals.

36. (new) The disk mill according to Claim 1, wherein said disk mill is configured for use grinding soft materials.

37. (new) The disk mill according to Claim 36, wherein said disk mill is configured for grinding wood pulps.

38. (new) The disk mill according to Claim 1, wherein said disk mill is configured for grinding foodstuffs.